

## **REMARKS**

Claims 1, 4, 6-11, 13, 17, 21, and 25-40 were pending in the present application. Claims 25 and 26 have been amended. Claims 34-40 have been canceled. New claims 41-47 have been added. Support for new claims 41-47 may be found, respectively, in: original claim 3, original claim 11, original claim 15, original claim 16, original claims 2 and 17, original claim 23, and original claim 24. No new matter has been added. Therefore, claims 1, 4, 6-11, 13, 17, 21, 25-33, and 41-47 are now pending in the present application.

New claims 41-47 depend from allowable claims. Therefore, Applicant believes that no further searching will be required, and thanks Examiner Rodriguez for indicating in a telephone conversation his willingness to enter new claims 41-47.

## **Allowable Subject Matter**

Examiner Rodriguez is sincerely thanked for indicating that claims 1, 4, 6-11, 13, 17, 21, and 25-33 contain allowable subject matter.

## **Restriction Requirement**

Applicant elects the species of Figs. 4a-4d and 17a-17b, and respectfully submits that claims 1, 4, 6-11, 13, 17, 21, 25-33, and new claims 41-47 are readable thereon.

## **Drawing Objections**

The specification is objected to for failing to provide a figure in which the connection and relation between the propellant and pressurant valves is shown. Applicant has heeded the helpful suggestion of Examiner Rodriguez by adding a new Figure 18 (attached). Further, the specification has been amended to include a brief description of the new Figure 18. No new matter has been added.

**Information Disclosure Statement**

Applicant acknowledges that the CD filed as part of an IDS filed on May 17, 2004 has been placed in the application file.

On July 31, 2003, Applicant filed a Supplementary IDS including one reference. (Copies of IDS and Form PTO/SB/08b are attached, including receipt stamp by the PTO.) Applicant respectfully requests Examiner Rodriguez to initial and return a copy of the attached Form PTO/SB/08b.

**Specification Objections**

The specification is objected to because the first two lines of the specification must be updated to show the U.S. Patent number of U.S. Patent Application 10/214,706. The specification has been amended where appropriate.

**Claim Rejections**

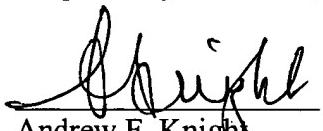
Claims 25-33 are rejected under 35 U.S.C. §112, second paragraph, for indefiniteness. The claims have been amended where appropriate. Withdrawal of the rejections is respectfully requested.

**Fees and Conclusion**

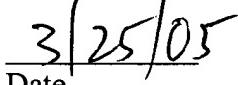
Applicant believes that he has paid for 27 claims, including four independent claims. Because the present application now includes 27 pending claims, including three independent claims, Applicant believes that no fee is due herewith. Applicant respectfully requests notification if additional fees are due.

Applicant respectfully requests entrance of the present amendments and a Notice of Allowance. If the Examiner believes that a telephone conference will further prosecution of the present case, the Examiner is invited to contact Applicant at the number indicated below.

Respectfully submitted,



Andrew F. Knight  
Applicant  
703-795-7375



Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Receipt is acknowledged of the following:

Title: Pressurizer for a Rocket Engine  
Inventor: Andrew F. Knight  
Filing Date: July 30, 2003  
Previous Applications: CIP of Appl. No. 10/214,706

- Supplementary Information Disclosure Statement
- 1 reference (AIAA Paper by Steve Harrington)





***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Andrew F. Knight

Title: PRESSURIZER FOR A ROCKET ENGINE

Appl. No.: Unknown (CIP of Appl. No. 10/214,706)

Filing Date: July 30, 2003

Examiner: Unknown

Art Unit: Unknown

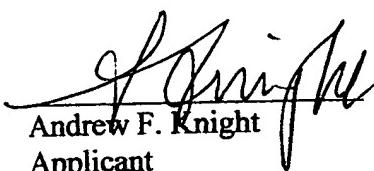
**SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicant respectfully requests that the Examiner consider the attached reference.  
Applicant believes that this reference is being submitted before a first office action on the  
merits.

Respectfully submitted,

  
Andrew F. Knight      7/31/03  
Date

Applicant  
1111 Arlington Blvd. #317  
Arlington, VA 22209



PTO/SB/085 (06-03)

Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	
				<i>Filing Date</i>	<i>July 30, 2003</i>
				<i>First Named Inventor</i>	<i>Andrew F. Knight</i>
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
				<i>Attorney Docket Number</i>	
(Use as many sheets as necessary)					
Sheet	1	of	1		

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B2	STEVE HARRINGTON, "Pistonless Dual Chamber Rocket	
		Fuel Pump: Testing and Performance", AIAA Paper 2003-4479	

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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